

Jewelers' Material and Lapidary Work Manufacturing: 2002

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2002 Economic Census

Manufacturing

Industry Series



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U.S. Department of Commerce
Economics and Statistics Administration
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-- Not applicable for this report.

Table 1. Historical Statistics for the Industry: 2002 and Earlier Years

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry and year ¹ | Com- panies ² | All estab- lish- ments ³ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expendi- tures (\$1,000) | |
|---|-----------------------------|--|---------------------|----------------------|---------------------|------------------|--------------------|-----------------------------|--|---|---|---------|
| | | | Number ⁴ | Payroll (\$1,000) | Number ⁴ | Hours (1,000) | Wages (\$1,000) | | | | | |
| 339913, Jewelers' material and lapidary work manufacturing | 2002.. | 298 | 302 | 5 732 | 157 668 | 3 907 | 7 811 | 85 104 | 328 277 | 743 859 | 1 053 005 | '14 424 |
| 2001 | N | N | N | 4 834 | 134 317 | 3 340 | 6 339 | 73 906 | 272 691 | 501 371 | 774 266 | 9 893 |
| 2000 | N | N | N | 5 258 | 145 830 | 3 690 | 7 526 | 86 216 | 260 135 | 571 467 | 825 149 | 9 282 |
| 1999 | N | N | N | 5 083 | 137 551 | 3 564 | 6 827 | 80 278 | 250 432 | 532 943 | 778 985 | 16 089 |
| 1998 | N | N | N | 5 503 | 122 170 | 3 893 | 6 875 | 65 133 | 255 239 | 485 350 | 737 408 | 10 037 |
| 1997 | 391 | 392 | N | 5 275 | 128 585 | 3 578 | 6 521 | 68 240 | 275 984 | 532 867 | 802 515 | 11 465 |

¹Statistics presented for years ending in 2 and 7 are census data. Interim census years are derived in a representative sample of manufacturing establishments canvassed in the Annual Survey of Manufactures (ASM).

²For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

³Includes establishments with payroll at any time during the year.

⁴Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 2. Industry Statistics for Selected States: 2002

[States that are a disclosure or with less than 100 employees are not shown. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographical definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| Industry and geographic area | All establishments ² | | | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|---|---------------------------------|-------|---------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | E ¹ | Total | With 20 employees or more | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 339913, Jewelers' material and lapidary work manufacturing | | | | | | | | | | | | |
| United States | 2 | 302 | 47 | 5 732 | 157 668 | 3 907 | 7 811 | 85 104 | 328 277 | 743 859 | 1 053 005 | '14 424 |
| California | 2 | 41 | 2 | 204 | 5 125 | 144 | 220 | 2 538 | 8 747 | 23 244 | 31 754 | '597 |
| Florida | 7 | 15 | 1 | 118 | 3 551 | 76 | 148 | 1 677 | 4 181 | 7 963 | 12 043 | '149 |
| Massachusetts | — | 12 | 5 | 994 | 29 237 | 759 | 1 459 | 17 467 | 35 216 | 153 238 | 187 181 | '3 679 |
| New Jersey | 2 | 8 | 5 | 317 | 10 679 | 247 | 409 | 6 043 | 21 542 | 45 352 | 65 596 | '513 |
| New Mexico | 1 | 7 | 2 | 185 | 3 185 | 74 | 130 | 1 395 | 6 718 | 17 833 | 24 467 | '183 |
| New York | 2 | 95 | 16 | 2 030 | 51 602 | 1 255 | 2 679 | 26 724 | 151 367 | 365 245 | 500 879 | '4 732 |
| Pennsylvania | 4 | 9 | 2 | 123 | 3 782 | 81 | 161 | 1 792 | 3 084 | 8 941 | 13 628 | '378 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 3. Detailed Statistics by Industry: 2002

[Data based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). For information on confidentiality protection, sampling error, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Item | Value |
|--|---------------------|
| 339913, Jewelers' material and lapidary work manufacturing | |
| Companies ¹ | number.. 298 |
| All establishments ² | number.. 302 |
| Establishments with 1 to 19 employees | number.. 255 |
| Establishments with 20 to 99 employees | number.. 35 |
| Establishments with 100 employees or more | number.. 12 |
| All employees ³ | number.. 5 732 |
| Total compensation | \$1,000.. 191 643 |
| Annual payroll | \$1,000.. 157 668 |
| Total fringe benefits | \$1,000.. 33 975 |
| Production workers, average for year | number.. 3 907 |
| Production workers on March 12 | number.. 3 928 |
| Production workers on May 12 | number.. 3 917 |
| Production workers on August 12 | number.. 3 881 |
| Production workers on November 12 | number.. 3 901 |
| Production worker hours | 1,000.. 7 811 |
| Production worker wages | \$1,000.. 85 104 |
| Total cost of materials | \$1,000.. 743 859 |
| Materials, parts, containers, packaging, etc., used | \$1,000.. 615 086 |
| Resales | \$1,000.. 108 569 |
| Purchased fuels | \$1,000.. 1 149 |
| Purchased electricity | \$1,000.. 3 481 |
| Contract work | \$1,000.. 15 574 |
| Quantity of electricity purchased for heat and power | 1,000 kWh.. 39 428 |
| Quantity of electricity generated less sold for heat and power | 1,000 kWh.. - |
| Total value of shipments | \$1,000.. 1 053 005 |
| Primary products value of shipments | \$1,000.. 878 380 |
| Secondary products value of shipments | \$1,000.. 29 475 |
| Total miscellaneous receipts | \$1,000.. 145 150 |
| Value of resales | \$1,000.. 133 352 |
| Contract receipts | \$1,000.. 11 130 |
| Other miscellaneous receipts | \$1,000.. 668 |
| Primary products specialization ratio | percent.. 97 |
| Value of primary products shipments made in all industries | \$1,000.. 1 073 546 |
| Value of primary products shipments made in this industry | \$1,000.. 878 380 |
| Value of primary products shipments made in other industries | \$1,000.. 195 166 |
| Coverage ratio | percent.. 82 |
| Value added | \$1,000.. 328 277 |
| Total inventories, beginning of year | \$1,000.. 197 577 |
| Finished goods inventories | \$1,000.. 117 646 |
| Work-in-process inventories | \$1,000.. 46 953 |
| Materials and supplies inventories | \$1,000.. 32 978 |
| Total inventories, end of year | \$1,000.. 219 359 |
| Finished goods inventories | \$1,000.. 136 397 |
| Work-in-process inventories | \$1,000.. 47 333 |
| Materials and supplies inventories | \$1,000.. 35 629 |
| Gross value of depreciable assets (acquisition costs) at beginning of year | \$1,000.. '203 713 |
| Total capital expenditures (new and used) | \$1,000.. '14 424 |
| Buildings and other structures (new and used) | \$1,000.. '1 368 |
| Machinery and equipment (new and used) | \$1,000.. '13 056 |
| Automobiles, trucks, etc., for highway use | \$1,000.. '405 |
| Computers and peripheral data processing equipment | \$1,000.. '3 819 |
| All other expenditures for machinery and equipment | \$1,000.. '8 832 |
| Total retirements | \$1,000.. '6 434 |
| Gross value of depreciable assets at end of year | \$1,000.. '211 703 |
| Depreciation charges during year | \$1,000.. '13 610 |
| Total rental payments | \$1,000.. 11 505 |
| Buildings and other structures | \$1,000.. 5 677 |
| Machinery and equipment | \$1,000.. 5 828 |
| Total other expenses ⁴ | \$1,000.. 60 063 |
| Response coverage ratio ⁵ | percent.. 76 |
| Repair and maintenance services of buildings and/or machinery ⁴ | \$1,000.. 1 225 |
| Communications services ⁴ | \$1,000.. 784 |
| Legal services ⁴ | \$1,000.. 698 |
| Accounting, auditing, and bookkeeping services ⁴ | \$1,000.. 418 |
| Advertising and promotional services ⁴ | \$1,000.. 1 781 |
| Expensed computer hardware and supplies and purchased computer services ⁴ | \$1,000.. 554 |
| Refuse removal (including hazardous waste) services ⁴ | \$1,000.. 72 |
| Management consulting and administrative services ⁴ | \$1,000.. 295 |
| Taxes and license fees ⁴ | \$1,000.. 736 |
| All other expenses ⁴ | \$1,000.. 53 500 |

¹For the census, a company is defined as a business organization consisting of one establishment or more under common ownership or control.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Based on 2002 Annual Survey of Manufactures (ASM) sample data.

⁵A response coverage ratio is derived for this item by calculating the ratio of the weighted employment (establishment data multiplied by sample weight) for those Annual Survey of Manufactures (ASM) establishments that reported to the weighted total employment for all ASM establishments classified in this industry.

Note 1: The amounts shown for other expenses reflect only those services that establishments purchase from other companies.

Note 2: The data in this table are based on the 2002 Economic Census and the 2002 Annual Survey of Manufactures (ASM). To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain sampling errors and nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 4. Industry Statistics by Employment Size: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Employment size class | E ¹ | All establishments ² | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--|----------------|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ³ | Payroll (\$1,000) | Number ³ | Hours (1,000) | Wages (\$1,000) | | | | |
| 339913, Jewelers' material and lapidary work manufacturing | | | | | | | | | | | |
| All establishments | 2 | 302 | 5 732 | 157 668 | 3 907 | 7 811 | 85 104 | 328 277 | 743 859 | 1 053 005 | '14 424 |
| Establishments with— | | | | | | | | | | | |
| 1 to 4 employees | 9 | 188 | 371 | 9 966 | 265 | 462 | 4 779 | 10 456 | 25 006 | 35 673 | '533 |
| 5 to 9 employees | 5 | 37 | 252 | 7 186 | 161 | 334 | 3 423 | 10 292 | 21 918 | 32 358 | '478 |
| 10 to 19 employees | 1 | 30 | 407 | 11 624 | 262 | 492 | 5 386 | 21 214 | 38 469 | 60 127 | '2 974 |
| 20 to 49 employees | 3 | 19 | 676 | 17 688 | 498 | 973 | 10 213 | 41 734 | 88 331 | 143 124 | '1 759 |
| 50 to 99 employees | 2 | 16 | 1 095 | 33 929 | 800 | 1 464 | 19 101 | 66 861 | 116 431 | 179 706 | '1 920 |
| 100 to 249 employees | 5 | 6 | 842 | 21 477 | 497 | 1 392 | 10 619 | 59 950 | 117 109 | 156 638 | '1 692 |
| 250 to 499 employees | — | 6 | 2 089 | 55 798 | 1 424 | 2 694 | 31 583 | 117 770 | 336 595 | 445 379 | '5 068 |
| 500 to 999 employees | — | — | — | — | — | — | — | — | — | — | — |
| 1,000 to 2,499 employees | — | — | — | — | — | — | — | — | — | — | — |
| 2,500 employees or more | — | — | — | — | — | — | — | — | — | — | — |
| Administrative records ⁴ | 9 | 180 | 384 | 10 218 | 281 | 486 | 4 912 | 9 948 | 25 254 | 35 189 | '550 |

¹Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. This technique was also used for a small number of other establishments whose reports were not received at the time data were tabulated. The following symbols are shown where estimated data account for 10 percent or more of the figures shown: 1—10 to 19 percent; 2—20 to 29 percent; 3—30 to 39 percent; 4—40 to 49 percent; 5—50 to 59 percent; 6—60 to 69 percent; 7—70 to 79 percent; 8—80 to 89 percent; 9—90 percent or more.

²Includes establishments with payroll at any time during the year.

³Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

⁴Some payroll and sales data for small single-establishment companies with up to 20 employees (cutoff varied by industry) were obtained from administrative records of other government agencies rather than from census report forms. These data were then used in conjunction with industry averages to estimate statistics for these small establishments. Data are also included in respective size classes shown.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 5. Industry Statistics by Primary Product Class Specialization: 2002

[Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note at end of table. For meaning of abbreviations and symbols, see introductory text]

| Industry or product class code | Industry or primary product class | All establishments ¹ | All employees | | Production workers | | | Value added (\$1,000) | Total cost of materials (\$1,000) | Total value of shipments (\$1,000) | Total capital expenditures (\$1,000) |
|--------------------------------|---|---------------------------------|---------------------|-------------------|---------------------|---------------|-----------------|-----------------------|-----------------------------------|------------------------------------|--------------------------------------|
| | | | Number ² | Payroll (\$1,000) | Number ² | Hours (1,000) | Wages (\$1,000) | | | | |
| 339913 | Jewelers' material and lapidary work manufacturing | 302 | 5 732 | 157 668 | 3 907 | 7 811 | 85 104 | 328 277 | 743 859 | 1 053 005 | '14 424 |
| 3399132 | Lapidary work, including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes (except for watch jewels) | 19 | 1 118 | 27 368 | 666 | 1 182 | 15 159 | 98 499 | 259 265 | 364 633 | '2 693 |
| 3399133 | Jewelers' findings and materials made of precious metal, excluding jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal | 46 | 3 418 | 97 244 | 2 408 | 5 024 | 53 087 | 186 135 | 396 988 | 556 336 | '9 715 |
| 3399135 | Other jewelers' findings and materials, including jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal | 5 | 189 | 4 768 | 131 | 314 | 3 001 | 8 805 | 14 400 | 23 416 | '397 |

¹Includes establishments with payroll at any time during the year.

²Number of employees figures represent average number of production workers for pay period that includes the 12th of March, May, August, and November plus other employees for payroll period that includes the 12th of March.

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6a. **Products Statistics: 2002 and 1997**

[Includes quantity and value of products of this industry produced by (1) establishments classified in this industry (primary) and (2) establishments classified in other industries (secondary). Transfers of products of this industry from one establishment of a company to another establishment of the same company (interplant transfers) are also included. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Product code | Product | Number of companies with shipments of \$100,000 or more | Quantity of production for all purposes | Product shipments | |
|--------------|---|---|---|-------------------|-----------------|
| | | | | Quantity | Value (\$1,000) |
| 339913 | Jewelers' material and lapidary work manufacturing2002.. | N | X | X | 1 073 546 |
| |1997.. | N | X | X | 775 833 |
| 3399132 | Lapidary work, including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes (except for watch jewels)2002.. | N | X | X | 353 833 |
| |1997.. | N | N | N | N |
| 33991321 | Lapidary work, including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes (except for watch jewels)2002.. | N | X | X | 353 833 |
| |1997.. | N | N | N | N |
| 3399132100 | Lapidary work, including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes (except for watch jewels)2002.. | 24 | X | X | 353 833 |
| |1997.. | N | N | N | N |
| 3399133 | Jewelers' findings and materials made of precious metal, excluding jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal2002.. | N | X | X | 587 669 |
| |1997.. | N | X | X | 407 591 |
| 33991334 | Jewelers' findings and materials made of precious metal, excluding jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal2002.. | N | X | X | 586 139 |
| |1997.. | N | N | N | N |
| 3399133406 | Jewelers' machine chain made of gold and platinum, excluding machine chain made of gold and platinum clad or plated to silver and nonprecious metal2002.. | 25 | X | X | 173 266 |
| |1997.. | N | N | N | N |
| 3399133408 | Other jewelers' findings and materials made of gold and platinum, excluding jewelers' findings and materials made of gold and platinum clad or plated to silver and nonprecious metal2002.. | 20 | X | X | 209 697 |
| |1997.. | N | N | N | N |
| 3399133411 | Jewelers' findings and materials made of silver (including jewelers' findings and materials made of gold and platinum clad or plated to silver), excluding silver clad or plated to nonprecious metal2002.. | 19 | X | X | 42 048 |
| |1997.. | N | N | N | N |
| 3399133416 | Jewelers' findings and materials made of gold, platinum, and silver clad to nonprecious metal2002.. | 16 | X | X | 161 128 |
| |1997.. | N | N | N | N |
| 3399133Y | Jewelers' findings and materials made of precious metal, excluding jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal, nsk2002.. | N | X | X | 1 530 |
| |1997.. | N | X | X | 4 682 |
| 3399133YVW | Jewelers' findings and materials made of precious metal, excluding jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal, nsk2002.. | N | X | X | 1 530 |
| |1997.. | N | X | X | 4 682 |
| 3399135 | Other jewelers' findings and materials, including jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal2002.. | N | X | X | 46 039 |
| |1997.. | N | X | X | 68 358 |
| 33991351 | Other jewelers' findings and materials, including jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal2002.. | N | X | X | 46 039 |
| |1997.. | N | X | X | 68 358 |
| 3399135100 | Other jewelers' findings and materials, including jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal2002.. | 16 | X | X | 46 039 |
| |1997.. | 33 | X | X | 68 358 |
| 339913W | Jewelers' material and lapidary work manufacturing, nsk, total2002.. | N | X | X | 86 005 |
| |1997.. | N | X | X | 132 361 |
| 339913WY | Jewelers' material and lapidary work manufacturing, nsk, total2002.. | N | X | X | 86 005 |
| |1997.. | N | X | X | 132 361 |
| 339913WYWW | Jewelers' material and lapidary work manufacturing, nsk, for nonadministrative-record establishments2002.. | N | X | X | 52 878 |
| |1997.. | N | X | X | 47 948 |
| 339913WYWY | Jewelers' material and lapidary work manufacturing, nsk, for administrative-record establishments2002.. | N | X | X | 33 127 |
| |1997.. | N | X | X | 84 413 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.

Table 6b. **Product Class Shipments for Selected States: 2002 and 1997**

[Product classes covered are those that are economically significant and whose production is geographically dispersed, provided dispersion is not approximated by data in Table 2. Also, product classes are not shown if they are miscellaneous or "not specified by kind" classes. Statistics for some states are withheld because they are either less than \$2 million in product class shipments or they disclose data for individual companies in 2002. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, explanation of terms, and geographic definitions, see note at end of table. For information on geographic areas followed by *, see Appendix D. For meaning of abbreviations and symbols, see introductory text]

| NAICS product class code | Product class and geographic area | Value of product shipments (\$1,000) |
|--------------------------|---|--------------------------------------|
| 3399132 | Lapidary work, including cutting, engraving, and polishing precious stones, semiprecious stones, natural or cultured pearls, and diamonds for jewelry and industrial purposes (except for watch jewels) | |
| | United States..... 2002.. | 353 833 |
| | 1997.. | N |
| | New York 2002.. | 274 670 |
| | 1997.. | N |
| 3399133 | Jewelers' findings and materials made of precious metal, excluding jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal | |
| | United States..... 2002.. | 587 669 |
| | 1997.. | 407 591 |
| | Florida 2002.. | 9 808 |
| | 1997.. | N |
| | Massachusetts 2002.. | 159 395 |
| | 1997.. | N |
| | New Mexico..... 2002.. | 8 503 |
| | 1997.. | N |
| | New York 2002.. | 111 632 |
| | 1997.. | 83 148 |
| 3399135 | Other jewelers' findings and materials, including jewelers' findings and materials made of gold, platinum, and silver plated to nonprecious metal | |
| | United States..... 2002.. | 46 039 |
| | 1997.. | 68 358 |

Note: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C. For geographical definitions, see Appendix D.

Table 7. Materials Consumed by Kind: 2002 and 1997

[Includes quantity and cost of materials consumed or put into production by establishments classified only in this industry. Data based on the 2002 Economic Census. For information on confidentiality protection, nonsampling error, and explanation of terms, see note 2 at end of table. For meaning of abbreviations and symbols, see introductory text]

| Material code | Material consumed | Quantity | Delivered cost (\$1,000) |
|---------------|--|----------|--------------------------|
| 339913 | Jewelers' material and lapidary work manufacturing | | |
| 00900001 | Total materials2002.. | X | 615 086 |
| |1997.. | X | 466 641 |
| 33200005 | Fabricated metal products, including forgings2002.. | X | 25 568 |
| |1997.. | X | D |
| 33141901 | Precious metals (gold, platinum, etc.), all forms (including ingot, sheet, strip, solder, plating, electrodes, etc.)2002.. | X | 77 233 |
| |1997.. | X | 122 995 |
| 33100027 | Other metal shapes and forms (including castings)2002.. | X | D |
| |1997.. | X | D |
| 33991303 | Precious, semiprecious, and synthetic stones and pearls (cut, polished, and drilled)2002.. | X | D |
| |1997.. | X | 94 843 |
| 33991301 | Jewelers' findings (including joints, pins, clasps, chains, flat stock, etc.)2002.. | X | 85 535 |
| |1997.. | X | 31 807 |
| 33990000 | Other jewelry, silverware, and plated ware2002.. | X | D |
| |1997.. | X | 40 795 |
| 00970099 | All other materials and components, parts, containers, and supplies2002.. | X | 33 866 |
| |1997.. | X | 5 948 |
| 00971000 | Materials, ingredients, containers, and supplies, nsk2002.. | X | 243 857 |
| |1997.. | X | 129 428 |

Note 1: For some establishments, data have been estimated from central unit values that are based on quantity-value relationships of reported data. The following symbols are used when percentage of each quantity figure estimated in this manner equals or exceeds 10 percent of published figure: p-10 to 19 percent estimated; q-20 to 29 percent estimated. If 30 percent or more is estimated, figure is replaced by S.

Note 2: The data in this table are based on the 2002 Economic Census. To maintain confidentiality, the Census Bureau suppresses data to protect the identity of any business or individual. The census results in this table contain nonsampling errors. Data users who create their own estimates using data from American FactFinder tables should cite the Census Bureau as the source of the original data only. For explanation of terms, see Appendix A. For full technical documentation, see Appendix C.